

From: [TARNOW Karen E](#)
To: [Chip Humphrey/R10/USEPA/US@EPA](#); [Kristine Koch/R10/USEPA/US@EPA](#); [MCCLINCY Matt](#); [ANDERSON Jim M](#)
Cc: [TARNOW Karen E](#)
Subject: RE: MNR Modeling Presentation
Date: 01/26/2011 10:16 AM

Chip and Kristine - I have a modeling request I'd like you to carry forward if you feel this is appropriate.

They talk about doing some additional runs that could involve refining the stormwater calculations to better reflect some of the significant source control that have been implemented since the data was collected (e.g., Schnitzer). That's good - and I would be happy to help them come up with those numbers.

I'd also like them to do a run in which the stormwater loads are based upon contaminant concentrations that could potentially be achievable if we required sites to go above and beyond the typical source control/stormwater management measures (e.g., end of pipe treatment). This would enable us evaluate the potential benefit of requiring stricter stormwater controls - via permits and/or additional Cleanup Program-driven source control work. PCBs, for sure, and perhaps a couple others - I haven't really thought it through yet.

However - if the model results already demonstrate that stormwater has a diminimus impact and we're comfortable that our efforts will result in an adequate level of control (areawide), then I suppose this might not be necessary. I don't know if the model results provide the info we'd need to do this evaluation, and am hoping that's something we'll be able to figure out sometime soon.

Thanks -
Karen

-----Original Message-----

From: [Humphrey.Chip@epamail.epa.gov](#) [mailto:[Humphrey.Chip@epamail.epa.gov](#)]
Sent: Wednesday, January 26, 2011 8:32 AM
To: [Shephard.Burt@epamail.epa.gov](#); [GAINER Tom](#); [Grepo-Grove.Gina@epamail.epa.gov](#); [PETERSON Jenn L](#); [jeremy_buck@fws.gov](#); [ANDERSON Jim M](#); [Goulet.Joe@epamail.epa.gov](#); [Smith.Judy@epamail.epa.gov](#); [Koch.Kristine@epamail.epa.gov](#); [MCCLINCY Matt](#); [POULSEN Mike](#); [Fuentes.Rene@epamail.epa.gov](#); [Robert.Neely@noaa.gov](#); [Sheldrake.Sean@epamail.epa.gov](#); [tomd@ctsi.nsn.us](#); [rose@yakama.com](#); [erin.madden@gmail.com](#); [jay.field@noaa.gov](#); [Cora.Lori@epamail.epa.gov](#); [Ader.Mark@epamail.epa.gov](#); [audiehuber@ctuir.com](#); [Lisa.Bluelake@grandronde.org](#); [Fleming.Sheila@epamail.epa.gov](#); [Benjamin Shorr](#); [LavelleJM@cdm.com](#); [Mary.Baker@noaa.gov](#); [Michael.Karnosh@grandronde.org](#); [FARRER David.G](#); [dallen@stratusconsulting.com](#); [jpeers@stratusconsulting.com](#); [Bob Dexter](#); [cunninghame@gorge.net](#); [JMalek@parametrix.com](#); [nancy.munn@noaa.gov](#); [jweis@hk-law.com](#); [Brad Hermanson](#); [frenchrd@cdm.com](#); [ryan@davissudbury.com](#); [genevieve.angle@noaa.gov](#); [TARNOW Karen E](#); [Jessica.Winter@noaa.gov](#); [mspence@parametrix.com](#); [Allen.Elizabeth@epamail.epa.gov](#); [colin@ridolfi.com](#); [AEbbets@stratusconsulting.com](#)
Cc: [Koch.Kristine@epamail.epa.gov](#)
Subject: Fw: MNR Modeling Presentation

Attached below is one of the missing pieces from the Dec 14th FS check-in meeting, the LWG's presentation on the MNR evaluation. Will add this & scheduling meeting to the topic list for the TCT this morning.

ch

----- Forwarded by Chip Humphrey/R10/USEPA/US on 01/26/2011 08:26 AM -----

MNR Modeling Presentation

Jennifer Woronets

to:
Chip Humphrey

01/25/20
11 07:55
PM

Cc:

"Jennifer Woronets", "Michael Werth", "Carl Stivers", "Keith Pine", "Betz, Jan", "Bob Wyatt", [david.ashton](#), [Frederick.wolf](#), [frederickwolf](#), "Jennifer Woronets", [jim.mckenna](#), [karen.traeger](#), "Madalinski, Kelly", [pdost](#), [Rick.Applegate](#), "Steve Parkinson", [aebets](#), [ANDERSON.Jim](#), [audiehuber](#), "Bob Wyatt", "Colin Wagoner", [cunninghame](#), [erin.madden](#), [Chip Humphrey](#), "JD Williams", "Jennifer Peers", "Jennifer Woronets", [jim.mckenna](#), "Julie Weis", "Keith Pine", [Kristine Koch](#), [lisa.bluelake](#), "Madalinski, Kelly", [matt](#), "MCCLINCY Matt", "Michael Karnosh", [Rick.Applegate](#), "Robert Neely", "Rose Longoria", [tzeilman](#)

Chip,

Please see attached MNR Modeling presentation that has been discussed recently. If EPA desires, a small technical group meeting can be scheduled to go over the presentation in the near future. If so, please contact Bob Wyatt or Jim McKenna to coordinate the meeting details.

Please let us know if you have any questions.

Thank you,
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(See attached file: MNR ELOE_20110125.pdf)